

Certificate of Analysis

PRODUCT: Rabbit Complement Adsorbed**CODE NO:** 31063**LOT NO:** 01245**DATE OF
MANUFACTURE:** January 12, 2023**STORAGE:** At or below -55 °C**ORIGIN:** U.S.A.
EU**EU 142/2011:** AR-TEC-0007**REQUIREMENTS:** Product meets EU requirements for production of technical blood products.

PROCEDURE: Complement is collected from 8-12 week old rabbits and stored at or below -55 °C. Complement is then thawed at 2-8 °C, pooled, and adsorbed with human buffy coat/red blood cells (HuRBC) for 30 minutes at 4 °C. Complement is centrifuged, bottled, and frozen at or below -55 °C. The Human RBCs are of mixed blood types; all units have been tested and found negative for antibody to HIV, HCV and HBsAg by FDA approved methods.

**HEALTHY
ANIMAL
STATEMENT:** This product is made from raw materials that were collected from animals found free from obvious signs of infectious and contagious disease.

**APPLICATION
NOTES:** This product is reportedly suitable for HLA -DR tissue typing/lymphocytotoxic assays and has been tested for hemolytic titer. Complement components are extremely heat-sensitive; for best results, thaw complement on ice or in a cold water bath (ideally thaw bottled complement under a stream of cold water, ~20 °C); never thaw using warm or hot water. Single-use aliquots may be made at this time and frozen at or below -55 °C. Avoid multiple freeze-thaw cycles. When a working aliquot is thawed, do not re-freeze remaining complement, but discard it.

ASSAYS:	Required Assays	Specification	Result
	Hemolytic Titer:	≥ 1:16	1:16

* This product has been renamed to reflect the product's make-up and intended use more accurately. Subsequent lots of this material will be named: Rabbit Complement Adsorbed w/Human Buffy Coat/RBC.

QUALITY ASSURANCE

Quality Control Release Date: January 17, 2023

Avery Donson
Bio Quality Systems Clerk/Tech**Results pending** ☐**Meets or exceeds specifications** ☒**Does not meet specifications** ☐**SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES**